

VISIT...

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Fig. 1. *Lemaireocereus griseus* (Haw.) Br. & R. x 0.04. Habitat photo from Curaçao,
Dutch West Indies, by F. W. Arnoldo.

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IN PASADENA, CALIFORNIA. PRINTED IN U.S.A.

Dedicated to

MY DAUGHTER, AGNES,
WHO FIRST BROUGHT TO
MY ATTENTION THIS
MOST INTERESTING
PLANT FAMILY

W. Taylor Marshall

Dedicated to

MR. JACQUE J. PIERRE
Thor Met hven Bock

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Fig. 1

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Fig. 9

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Fig. 8

Fig. 9

Plate 10 (Figs. 4, 5 and 9, one-half size; Fig. 6, 7, and 8, three-fourths size)

Fig. 1

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Fig. 9

Fig. 1

Fig. 2

Fig. 3

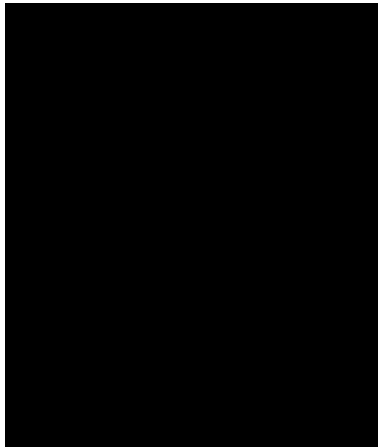
Fig. 4

Fig. 5

Fig. 6

Fig. 7.

Fig. 8



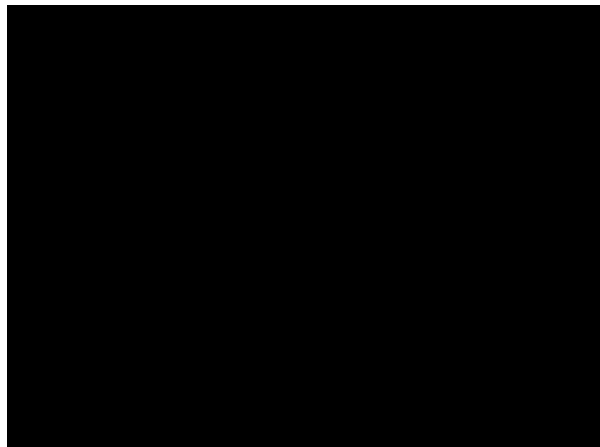
Opuntias are part of the Coat of Arms of Mexico.

Fig. 35. *Peniocereus Greggii* (Engel.) Br. & R. (*Cereus Greggii* Engel.) in its natural habitat.
Courtesy of the Bureau of Plant Industry, U. S. Dept. of Agriculture, Photo by R. K Peebles.

A P P E N D I X I .

Botanical Plates

Plat es A., B. Forms	Pages 196, 197
Plat e C. Stem sections	Page 199
Plat e D. Spine forms.	Page 200
Plat e E. Flower forms	Page 201
Plat e F. Flower parts.	Page 202



Arborescent

Arching

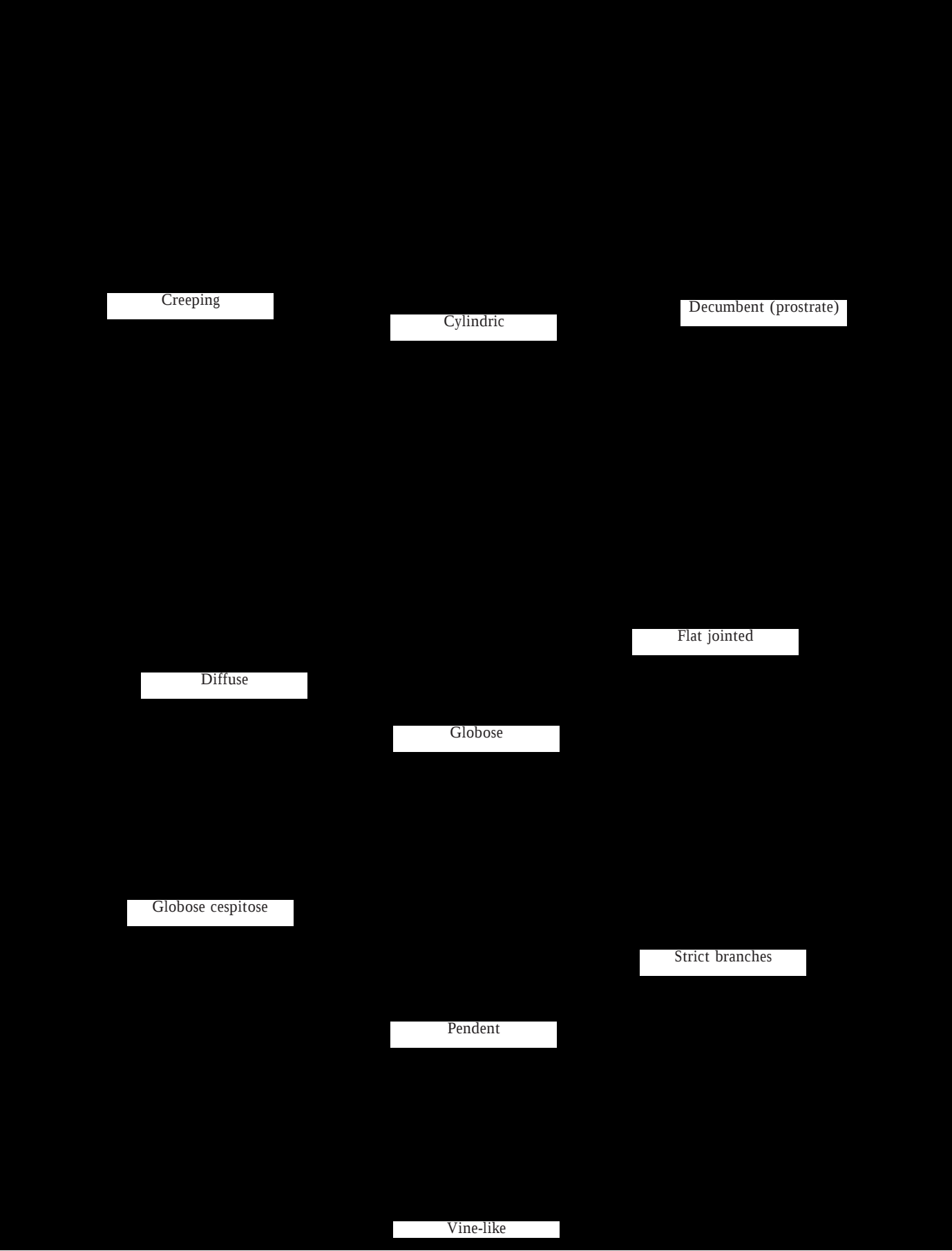
Bushy

cespitose

Candelabra (ascending)

Columnar

Contorted



Creeping

Cylindric

Decumbent (prostrate)

Diffuse

Flat jointed

Globose

Globose cespitose

Strict branches

Pendent

Vine-like

STEM SECTIONS

Key

- A. Cutin
- B. Chlorophyll
- C. Cambium layer
- D. Fibrovascular bundles
- E. Vascular supply
- F. Meristem
- G. Areole

Transverse Sections

- 1. *Opuntia*
- 2. *Mammillaria*
- 3. *Pediocactus*
- 4. *Nyctocereus*

Cross Sections

- 5. *Opuntia*
- 6. *Pereskopsis*
- 7. *Epiphyllum*
- 8. *Hylocereus*
- 9. *Eriocereus*
- 10. *Cereus*
- 11. *Selenicereus*
- 12. *Nyctocereus*
- 13. *Trichocereus*

Fig. 1

Fig. 2

Fig. 4

Fig. 3

Fig. 5

Fig. 6

Fig. 8

Fig. 9

Fig. 11

Fig. 12

Fig. 13

Campanulate

Rotate

Tubular

Funnelform

Pyriform

Salverform

Cylindric

Notes

